

- **Product Name** : 36 Watt LED Post Top Lantern
- **Model** : SEPOTL-LED-3626
- **Product Type** : 36W LED Outdoor Lighting Fixture
- **Features** :
  - Designed and developed as per European Standards EN-60598-1, EN-60598-2-3, EN-60598-2-4 & EN-60968 & ICAO-Annex-14
  - Instant start, No flicker, No noise, Low work temperature, Low power consumption.
  - Aluminium Die Cast Body Fixture - Eliminates Problem of Rusting.
  - Optimal thermal design to provide extended life to LEDs.
  - Bug Free Light - UV Free LED Light – Eliminating Bug problems – Reduces frequent glass cleaning expenses.
  - Short Pay Back Period Saving more than 80% Power than traditional fixtures.
- **Applications:**
  - Decorative Garden Lighting.
  - Entry / Exit Gate Lighting.
  - Safeway Lighting – For Safety Purpose.
  - Area Perimeter Lighting.
  - Post Top Lighting
- **Specifications:**
  - 1) Type of Ballast : Electronic Ballast
  - 2) Operating Voltage : 110VAC ~ 270VAC +/- 10%
  - 3) Operating Frequency : 50/60 Hz +/- 4%
  - 4) Input Power : 36Watt +/- 10%
  - 5) Power Factor : >= 0.90 PF
  - 6) Total Harmonic Distortion : <= 30 %
  - 7) Ingress Protection : IP-65
  - 8) Lighting Efficiency : 90 ~ 110 lm/W.
  - 9) LED Type : 1.2W - 26 nos.
  - 10) Color Rendering Index : >= 75
  - 11) Color Temperature : 6500K +/- 500K ( White) / 3000K +/- 500K ( Warm - White)
  - 12) Voltage Tolerance Range : 90 VAC to 300 VAC
  - 13) Circuit Efficiency : >= 85%.
  - 14) Body : Aluminium Die Cast Body Fixture
  - 15) Heat Sink Thermal Design : Shah Electronics has designed this outdoor light in which the LED junction temperature is controlled under 75°C and heat sink temperature variation is constrained below 2°C to ensure all of LEDs applied on the outdoor light can reach the same life. Consists of complete aluminium die-cast body heat sink and heat dissipation surface.
  - 16) High Voltage / Surge Protection.
  - 17) Dimension ( Dia. x H in mm.) : 400 x 300
  - 18) Recommended O.D. of Pole Pipe : 70 mm.
  - 19) Recommended Mounting Height : 12 – 15 Ft.

Ambient temperature range: Storage Temp. :: 15 °C - Max Temp. :: 75 ° C

